

## ABSTRACT

A substrate processing apparatus 1 has: sensors 21 and 22 provided in an etching chamber 14 and configured to detect a relative position between the etching chamber 14 and a wafer transfer mechanism 23; a control section 38 configured to correct positional displacement; a motor controller 39; a motor 28; and a motor 30. Since the positional displacement of a wafer W can be corrected, the wafer transfer mechanism 23 is capable of carrying the wafer W into the etching chamber 14 without causing any positional displacement, so that the wafer W can be placed on a susceptor 19 at a proper position.